

Amendments to the Drawings:

The attached sheets of drawings include changes to FIGs. 1 and 2. The sheets, which includes FIGs. 1 and 2, replace the original sheets. In FIGs. 1 and 2, the legend "PRIOR ART" is added.

A marked-up version of the drawings, with revisions shown in red, is included with the amended drawings. Entry of the amendments to the drawings is respectfully requested.

Attachment: Replacement Sheets

Annotated Sheets Showing Changes

REMARKS

Applicants note with appreciation that the Office Action at page 4 indicates that claims 3-5 and 8-10 would be allowable if rewritten in independent form. Accordingly, independent claim 1 is amended to include the limitations of claim 3 and intervening claim 2, and claims 2 and 3 are canceled. Independent claim 6 is amended to include the limitations of claim 8 and intervening claim 7, and claims 7 and 8 are canceled. In rewriting claim 3 in independent form, independent claim 1 is amended to state that a “clock signal generator...generates N clock signals.” In addition, in rewriting claim 3 in independent form, independent claim 1 is amended to state that “...phases of the N clock signals are $360/N \times K$.” In addition, in rewriting claim 3 in independent form, independent claim 1 is amended to state that the “phase selector...selects an $(I+2)_{th}$ clock signal” of the “N clock signals” as a “recovered clock signal” if an “ I_{th} clock signal of the N clock signals” is in a “first state” and if an “ $(I+1)_{th}$ clock signal” of the N clock signals” is in a “second state” when a “logic level transition of a received data is detected.” Applicants note that, although former claim 3 stated that the “...phase selector generates an $I+2_{th}$ clock signal...,” amended independent claim 1 states that a “phase selector...selects an $(I+2)_{th}$ clock signal...,” since this language is consistent with the specification as filed. In addition, in rewriting claim 3 in independent form, independent claim 1 is amended to state that a “recovered data generator” “receives the received data and the recovered clock signal” to “generate a recovered data that is synchronized with the recovered clock signal output from the phase selector.”

In rewriting claim 8 in independent form, claim 6 is amended to state that “each clock signal” has a “phase difference of $360/N$ degrees from each other.” In addition, independent claim 6 is amended to state that “...phases of the N clock signals are $360/N \times K$.” In addition, in rewriting claim 8 in independent form, independent claim 6 is amended to state “selecting an $(I+2)_{th}$ clock signal of the N clock signals” as a “recovered clock signal” if an “ I_{th} clock signal of the N clock signals” is in a “first state” and if an “ $(I+1)_{th}$ clock signal of the N clock signals” is in a “second state” when a “logic level transition of a received data is detected.” Applicants note that, although former claim 8 stated “generating an $I+2_{th}$ clock signal...,” amended independent

claim 6 states “selecting an (I+2)th clock signal...,” since this language is consistent with the specification as filed. In addition, in rewriting claim 8 in independent form, independent claim 6 is amended herein to state “receiving the received data and the recovered clock signal to generate the recovered data that is synchronized with the recovered clock signal.” The additional amendments made to claims 1 and 6 are made to correct the informalities stated in the Office Action at page 2 and addressed below. Accordingly, entry and allowance of amended independent claims 1 and 6, and claims 4, 5, 9, and 10 dependent thereon, are respectfully requested.

The drawings are objected to for reasons stated in the Office Action at page 2. FIGs. 1 and 2 are thereby amended to include the legend “PRIOR ART.” Reconsideration and removal of the objection to the drawings are respectfully requested.


Claims 2 and 7 are objected to for informalities stated in the Office Action at page 2. As noted above, independent claims 1 and 6, which now include the limitations of former intervening claims 2 and 7, respectively, are amended herein to correct the informalities raised in the objection of claims 2 and 7. Removal of the objections to claims 2 and 7 are respectfully requested.

Claims 1, 2, 6, and 7 are rejected under 35 U.S.C. 102(b) as being anticipated by Jobling, *et al.* (United States Patent No. 5,928,293 – hereinafter “Jobling”). As described above, independent claim 1 is amended herein to include the limitations of allowed former dependent claim 3, and independent claim 6 is amended herein to include the limitations of allowed former dependent claim 8. Reconsideration of the rejections and allowance of independent claims 1 and 6, and claims 2 and 7 dependent thereon over Jobling are therefore respectfully requested.

In view of the amendments to the claims and the foregoing remarks, it is believed that all claims pending in the application are in condition for allowance, and such allowance is respectfully solicited. If a telephone conference will expedite prosecution of the application, the Examiner is invited to telephone the undersigned.

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Respectfully submitted,



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FIG. 1
(PRIOR ART)

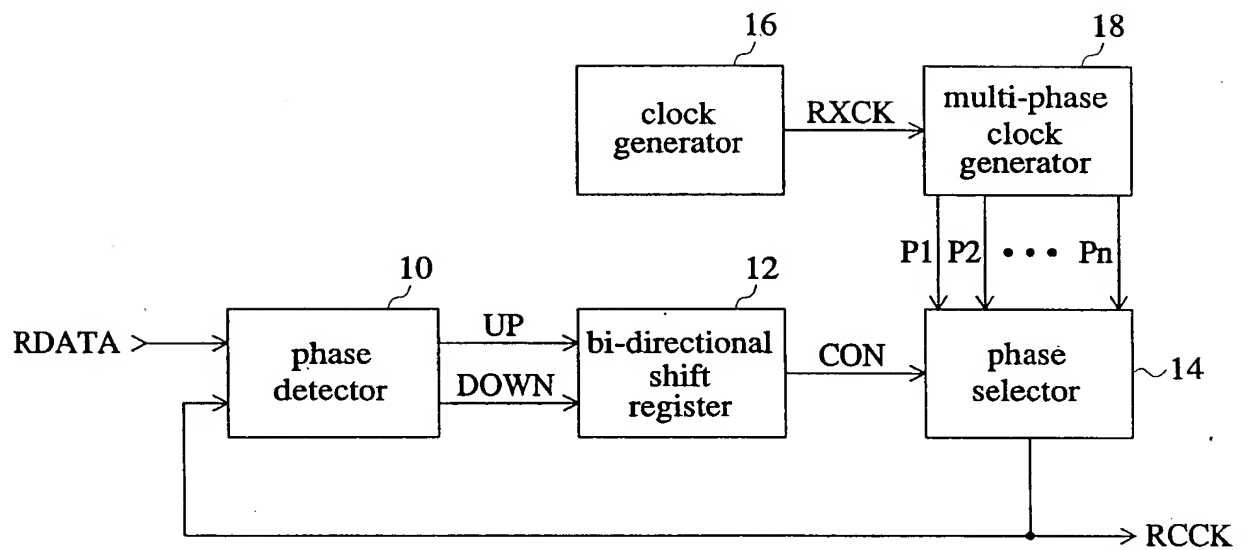


FIG. 2
(PRIOR ART)

